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OSA 0862-63
25 February 1963

MEMORANDUM FOR THE RECORD:

SUBJECT: ARC-50 Communications Equipment, Availability
and Delivery Status

1. On Friday, 15 February 1963, a brief meeting was held in the ADP offices of LAC in Burbank, California. The purpose of the meeting was to determine the subject status and to obtain other information useful in Project operational planning and training. The following personnel were in attendance:

Lt. Col. Robert Honeywell

AFCIG-5
OD/OSA
MD/OSA
CS/OSA

ADP/Lockheed
ADP/Lockheed

2. [redacted] gave the visiting group a run-down on promised deliveries, article installation, KC-135 installation, mod-kit status, test equipment procurement, tech rep plans, and bonded warehouse plans.

3. In order to accommodate the ARC-50, a new nose has to be configured for the Article and provisions made for pressurization and cooling. Nose configuration and installation of ARC-50 is expected to be completed in Articles No. 5 and No. 6 by 12 April.

4. [redacted] of LAC gave the group a run-down on the KC-135 installation. Two mod kits have been developed for the installation. Mod Kit No. 1, distributed as Service Bulletin No. 251, contains template drawings, instructions, and a sealing plate kit for cutting a hole and installing an antenna plate. A blank plate is furnished for installation prior to employment of Mod Kit No. 2. Mod Kit No. 1 takes from 4 to 6 hours to complete. Mod Kit No. 2, Service Bulletin No. 252, contains drawings and instructions for installation of the antenna and equipment provisions for tying into the KC-135 power supply and intercommunication system. The ARC-50 takes the switch position of the 2nd ARC-34 on the intercom control. Mod Kit No. 2 takes from 2 to 4 hours to complete. A total of 15 each of kits 1 and 2 are being prefabricated. Attachment A contains a description of Service Bulletins No. 251 and 252 as prepared by Lockheed.

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5. The hook-up induction coil on the refueling boom has been successfully tested as a path for two-way intercommunication between receiver and tanker during refueling.

6. Arrangements had been previously made through AFCIG-5 to borrow ten ARC-50's from projected Air Force deliveries. Two of these are due to arrive at Lockheed on 18 February and eight on 18 March 1963. Inasmuch as the tanker takes a Type B, Lockheed will modify and distribute as dictated by Headquarters. Replacement of the ten sets on loan would be made at some place downstream on future delivery schedule, possibly in June or July.

7. The following represents the best equipment delivery information available to date:

	Feb.			Mar.			April			May			June			July		
Date	18	15	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	
<u>Equipment</u>																		
ARC-50/A	2	8		1	2		3		3		3		2					
ARC-50/B			2	1		2		3		3		3	1	3	3	3	2	
Ground Station			1															
Xmitter Analyzers			1							1					1			
RT Analyzer			1							1					1			
A&E Shop Group			1												1			
Test Transmitter			1															

8. LAC has made provision for the establishment of a [redacted] bonded warehouse to be located in [redacted]. They have also started negotiations for one or two technical representatives for maintenance purposes [redacted].

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9. LAC has made provisions for operations out of [] only. No provision has been made for forward staging areas.

10. The question of security and employment of the key units for the ARC-50 was briefly discussed with Lt. Col. Honeywell. Lt. Col. Honeywell stated that this was something which would have to be checked out with certain Air Force groups.

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Attachments:

As stated above

Distribution:

- Original - OSA/COMMO E-11 (Att. will be returned)
- 1 - OD/OSA w/att.
- 1 - MD/OSA w/o att.
- 1 - DD/OSA w/o att.
- 1 - CD/OSA w/o att.
- 1 - INTEL/OSA w/o att.
- 1 - COMMO Chrono w/o att.
- 1 - RB/OSA w/o att.

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